

Claims

1. Mill saw with a saw gate (3) driven via a slider-crank drive (4), whose parallel saw blades (5), which cut in only one stroke direction, are provided with a bias, and with a feed conveyor (6) for the stock to be cut, which can be driven intermittently during the cutting stroke of the saw gate (3) as a function of the cutting speed by means of at least one motor (10) separated from the slider-crank drive (4) and connected to a controlling system (12), characterised in that the controlling system (12) connected to a signal transmitter (17) for a preset position of rotation of the slider-crank drive (4) controls the motor (10) in dependence on the response of the signal transmitter (17) according to a stored control program for one conveying step adaptable to the respective stroke frequency of the slider-crank drive (4).
2. Mill saw according to Claim 1, characterised in that the signal transmitter (17) consists of a sensor for the dead center of the slider-crank drive at the end of a cutting stroke.
3. Mill saw according to Claim 1 or 2, characterised in that the controlling system (12) is provided with memories (15, 16) for a control program dependent on the speed of the slider-crank drive and one independent thereof for feeding the stock to be cut according to the saw blade disengagement determined by the bias of the saw blades (5).

a 09674205 102700
002201 5024260

a 4. Mill saw according to ^{Claim} ~~one of the Claims 1 to 3~~, characterised in that the controlling system (12) is connected to an input unit (21) for various control parameters.

a 5. Mill saw according to ^{Claim 1} ~~one of the Claims 1 to 4~~, characterised in that the feed drive is provided with two motors (10) separately controllable via the controlling system (12) and assigned to the feed conveyor (6) upstream and downstream of the saw gate (3) in feed direction.

Add
BT

00674205 " 102700